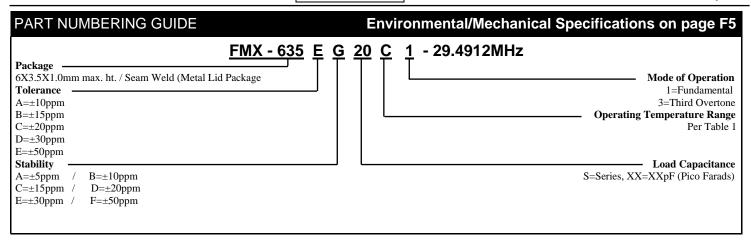
1.0mm Ceramic Surface Mount Crystal



ELECTRICAL SPECIFIC	ATIONS Revision: 2002-C			
Frequency Range	10.000MHz to 80.000MHz			
Frequency Tolerance/Stability	A, B, C, D, E, F See above for details. Other Combinations Available. Contact Factory for Custom Specifications.			
Operating Temperature Range	A, B, C, D, E, F, G, H (See Table 1)			
Aging @ 25°C	±2ppm / year Maximum			
Storage Temperature Range	-55°C to 100°C			
Load Capacitance "S" Option "XX" Option	Series 10pF to 50pF			
Shunt Capacitance	5pF Maximum			
Insulation Resistance	500 Megaohms Minimum at 100Vdc			
Drive Level	100uW Maximum, 100uW correlation			

TABLE 1: PART NUMBERING CODES										
Operatin Temperat	0	Frequency Stability (±ppm) * Denotes Availability of Options								
Range		±5 ppm	±10 ppm	±15 ppm	±20 ppm	±30 ppm	±50 ppm			
6.	Code	A	В	С	D	Е	F			
-10 to 60°C	A	*	*	*	*	*	*			
-20 to 70°C	В		*	*	*	*	*			
0 to 70°C	С		*	*	*	*	*			
-10 to 70°C	D		*	*	*	*	*			
-20 to 70°C	Е		*	*	*	*	*			
-30 to 60°C	F				*	*	*			
-20 to 80°C	G				*	*	*			
-40 to 85°C	Н				*	*	*			

EQUIVALENT SERIES RESISTANCE (ESR)								
Frequency Range (MHz)	ESR (ohms) / Mode-Cut		Frequency Range (MHz)	ESR (ohms) / Mode – Cut				
<13.000MHz	<50 /1-AT		13.001-15.000MHz	<45 / 1-AT				
15.001-18.000MHz	<35 / 1-AT		18.001-40.000MHz	<25 / 1-AT				
24.0001-40.000MHz	<25 / 1-AT		40.0001-80.000MHz	<70 / 3-AT				

